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Mr Rusche	one signed			SENT NRC PDR XX SENT LOCAL PDR XX

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Ltr re their 10-15-75 submittal....trans the following:

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ENCLOSURES:
"Axial Pwr Distribution Monitoring System Experience & Peaking Factor Determination at Unit #1".....Addendum #1, Section 11I C.. ....dtd 12-31-75.....furnishing info concerning augmented start-up program physics tests conducted during November 75.....

(40 cys encl rec'd)
See REPORTS

FOR ACTION/INFORMATION 1-14-76 ehf

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INDIANA & MICHIGAN POWER COMPANY
P. O. BOX 18
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NEW YORK, N. Y. 10004

REGULATORY DOCKET FILE COPY

January 9, 1976

Donald C. Cook Nuclear Plant Unit No. 1
Docket No. 50-315
DPR No. 58

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Rusche:

In our October 15, 1975 letter to you, we transmitted a report entitled, "Axial Power Distribution Monitoring System Experience and Peaking Factor Determination at the Donald C. Cook Nuclear Plant Unit No. 1." Forty (40) copies of Addendum No. 1, Section III C are hereby transmitted to you. This Addendum, dated December 31, 1975, covers the results of the Augmented Start-up Program Physics Tests conducted during November 1975.

The results of the load follow test demonstrate the ability to follow programmed load changes during which peaking factors are maintained essentially constant at their steady-state values. The special hot channel factor surveillance test demonstrates the operator's ability to quickly and easily return the axial offset to within the target band.

Very truly yours,

John Tillinghast
John Tillinghast
Vice President

JT:mam
Enclosure

Sworn and subscribed to before me
this 9th day of January, 1976 in
New York County, New York

Kathleen Barry
Notary Public

KATHLEEN BARRY
NOTARY PUBLIC, State of New York
No. 41-4606792
Qualified in Queens County
Certificate filed in New York County
Commission expires March 30, 1977

cc: See next page

cc: G. Charnoff
R. J. Vollen
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